

MG REFINING AND MARKETING, INC. -- FUEL OIL (DIESEL) -- 9140-00-000-0184

===== Product Identification =====

Product ID:FUEL OIL (DIESEL)

MSDS Date:05/01/1986

FSC:9140

NIIN:00-000-0184

MSDS Number: BWZPL

=== Responsible Party ===

Company Name:MG REFINING AND MARKETING, INC.

Box:1637

City:BEL AIR

State:MD

ZIP:21014-1367

Country:US

Info Phone Num:800-824-4456

Emergency Phone Num:800-882-9067/800-424-9300(CHEMTREC)

CAGE:0ZQH9

=== Contractor Identification ===

Comp

any Name:MG REFINING AND MARKETING, INC.

Box:1637

City:BEL AIR

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ZIP:21014-1367

Country:US

Phone:800-882-9067/800-424-9300(CHEMTREC)

CAGE:0ZQH9

===== Composition/Information on Ingredients =====

Ingred Name:FUEL OIL (MIXTURE OF PARAFFINIC, CYCLOPARAFFINIC, OLEFINIC,
AND AROMATIC HYDROCARBONS)

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM NAPHTH

ACGIH TLV:400 PPM RUBBER SOLV

===== Hazards Identification =====

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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION-PNEUMONITIS, PULMONARY
EDEMA & CENTRAL NERVOUS SYSTEM DEPRESSION. EYE-MILD EYE IRRITATION
MAY RESULT FROM CONTACT. SKIN-THIS MATERIAL IS CONSIDERED TO BE AN
MODERATE SKIN IRRITANT. INGESTION-ASPIRATION INTO THE LUNGS WILL
CAUSE CHEMICAL PNEUMONIA.

Explanation of Carcinogenicity:SOME MIDDLE DISTILLATES CAUSE SKIN
CANCER

WHEN REPEATEDLY APPLIED TO MICE OVER THEIR LIFETIME.

Effects of Overexposure:INHALATION/INGESTION-POSSIBLE EFFECTS INCLUDE HEADACHE, NASAL & RESPIRATORY IRRITATION, NAUSEA, DROWSINESS, FATIGUE.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS, IMPAIRED LIVER OR KIDNEY FUNCTIONS OR CENTRAL NERVOUS SYSTEM AND CHRONIC RESPIRATORY DISEASE SHOULD AVOID EXPOSURE TO THIS MATERIAL.

===== First Aid Measures =====

First

Aid:EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. SEE DOCTOR IF BREATHING DIFFICULTIES CONTINUE. INGESTION: DO NOT INDUCE VOMITING, SINCE ASPIRATION INTO THE LUNGS WILL CAUSE CHEMICAL PNEUMONIA. PROMPTLY OBTAIN MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Me

thod:PMCC

Flash Point:115F-160F

Autoignition Temp:Autoignition Temp Text:350F

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG, OR VAPORIZING LIQUID. WATER STREAM MAY SPREAD FIRE.

Fire Fighting Procedures:USE WATER SPRAY ONLY TO COOL CONTAINERS EXPOSED TO FIRE. IF LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS.

Unusual Fire/Explosion Hazard:MODERATELY COMBUSTIBLE. CAN BURN IN THE OPEN OR BE EXPLOSIVE IN CONFINED SPACES. COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS/VAPORS.

===== Accidental Release Measures =====

Spill Release Procedures:NOTIFY EMERGENCY PERSONNEL. EVACUATE AREA & REMOVE IGNITION SOURCES. BUILD A DIKE TO CONTAIN FLOW. REMOVE EXCESS LIQUID, DO NOT FLUSH INTO SEWER/OPEN WATER. PICK UP WITH PADS & ABSORBENT MATERIAL & PLACE IN CLOSED CONTAINER FOR DISPOSAL.

===== Handling and Storage =====

Handling and Storage Pre

cautions:KEEP CONTAINERS CLOSED & DO NOT STORE
IN A CLOSED VEHICLE. CONTAINERS SHOULD BE ABLE TO WITHSTAND
PRESSURES EXPECTED FROM WARMING/COOLING IN STORAGE.
Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE. OBSERVE HAZARD
PRECAUTIONS WHEN HANDLING EMPTY CONTAINERS. SPECIAL SLOW LOAD
PROCEDURES FOR "SWITCH LOADING" MUST BE FOLLOWED WHEN THIS MATERIAL
IS LOADED INTO TANKS PREVIOUSLY CONTAINING GASOLINE.

===== Exposure Controls/Personal Protection =====

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Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR WHEN VAPOR
LEVELS EXCEED EXPOSURE LIMITS. UP TO 2500PPM, HALF MASK ORGANIC
VAPOR RESPIRATOR. UP TO 5000PPM, FULL-FACE ORGANIC VAPOR RESPIRATOR
OR FULL-FACE SUPPLIED AIR RESPIRATOR, GREATER THAN 5000PPM SCBA

Ventilation:MAINTAIN LOCAL OR DILUTION VENTILATION TO KEEP AIR
CONCENTRATIONS BELOW 500 PPM. WHEN LOADING, UNLOADING, TANK
GAUGING.

Protective Gloves:NITRILE, NEOPRENE OTHER RESISTANT GLOVES

Eye Protection:CHEMICAL G
OGGLES WITH SIDE SHIELDS.

Other Protective Equipment:GLOVES, APRON, BOOTS & FACIAL PROTECTION
MADE OF NITRILE, NEOPRENE, OR GAS RESISTANT MATERIAL. SAFETY SHOWER
& EYE BATH.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING OR DRINKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

USE ELECTRICAL GROUNDING ON HANDLING/TRANSPORTATION EQUIPMENT.

===== Physical/Chemical Properties =====

HCC:F4

Boiling Pt:B

M.P. Text:300F-700F

Vapor Pres:0.1-0.5

Vapor Density:4+

Spec Gravity:0.75-0.88

Viscosity:35 SUS @ 100F

Evaporation Rate & Reference:SLOW

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR TO LIGHT YELLOW, AMBER IN COLOR.

Percent Volatiles by Volume:100%

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:HEAT, SPARKS, FLAMES AND STATIC
ELECTRICITY.

Hazardous Deco

Composition Products:INCOMPLETE COMBUSTION CAN YIELD CARBON DIOXIDE, CARBON MONOXIDE, SULFUR OXIDES, LEAD OXIDE, AND VARIOUS HYDROCARBONS.

===== Disposal Considerations =====

Waste Disposal Methods:MAXIMIZE PRODUCT RECOVERY FOR REUSE OR RECYCLING. USE APPROVED TREATMENT, TRANSPORTERS & DISPOSAL SITES IN COMPLIANCE WITH ALL LAWS. A POTENTIAL DISPOSAL METHOD IS INCINERATION AND LAND DISPOSAL IF PERMITTED.

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